Nuclear Engineering and Design 129 (1991) 381–382
North-Holland

Author Index to Volume 129

Acker, D., see Autrusson 129 (1991) 307
Ahluwahlia, S., see Farmer 129 (1991) 57
Attinger, R.O., B. Knecht, O. Mercier, A. Rosselet and J.P. Simpson, Residual stresses and stress corrosion effects in cast steel nuclear waste overpacks 129 (1991) 89
Aufort, P., G. Bimont, T.H. Chau, I. Fournier, P. Morilhat, T. Souchois and G. Cordier, On line fatiguemeter: a large experiment in French nuclear plants 129 (1991) 177
Autrusson, B., D. Moulin and D. Acker, Validation of crack-like defect fatigue analysis 129 (1991) 307
Baba, K., see Urabe 129 (1991) 287
Baylac, G. and J.M. Grandemange, The French code RCC-M: Design and construction rules for the mechanical components of PWR nuclear islands 129 (1991) 239
Beesley, M.J., see Macleod 129 (1991) 191
Bimont, G., see Aufort 129 (1991) 177
Boneh, B., see Champomier 129 (1991) 315
Brinette, R., G. Deuster, M. Klein and U. Eisele, Surveillance of defects in reactor pressure vessel and pipes under cyclic thermal and mechanical load (German HDR-reactor-safety-program) 129 (1991) 121
Champomier, F.P., B. Boneh, P. Gilles and P. Hilsenkopf, Fatigue growth and fracture risk from postulated cracks in pressurized-water reactor piping welds 129 (1991) 315
Chau, T.H., see Aufort 129 (1991) 177
Chen, L.Y., see Zhang 129 (1991) 277
Clausmeyer, H. and H. Hantsch, Manufacture of thick-walled pressure vessels in particular consideration of advanced welding processes and measures for quality assurance 129 (1991) 255
Cordier, G., see Aufort 129 (1991) 177
Deuster, G., C. Sklarczyk and E. Waschkies, Detection and analysis of defects in reactor pressure components by location and interpretation of acoustic emission sources 129 (1991) 185
Deuster, G., see Brinette 129 (1991) 121
Deuster, G., see Knoch 129 (1991) 217
Edelmann, X., Ultrasonic examination of austenitic welds at reactor pressure vessels 129 (1991) 341
Eisele, U., see Brinette 129 (1991) 121
Farmer, J.C., G.E. Gdowski, R.D. McCright and H.S. Ahluwahlia, Corrosion models for performance assessment of high-level radioactive waste containers 129 (1991) 57
Fournier, I., see Aufort 129 (1991) 177
Gdowski, G.E., see Farmer 129 (1991) 57
Gilles, P., see Champomier 129 (1991) 315
Grandemange, J.M., see Baylac 129 (1991) 239
Griesbach, T.J., P.C. Riccardella and S.R. Gosselin, Application of fatigue monitoring to the evaluation of pressurizer surge lines 129 (1991) 163
Gosselin, S.R., see Griesbach 129 (1991) 163
Haijtink, B., see Hendry 129 (1991) 101
Hancox, W.T. and K. Nuttall, The Canadian approach to safe, permanent disposal of nuclear fuel waste 129 (1991) 109
Hantsch, H., see Clausmeyer 129 (1991) 255
Hendry, S.R., T.J. Keer and B. Haijtink, HLW overpacks under extreme geological loading conditions – Testwork and predictive calculations (COMPAS project) 129 (1991) 101
Higuchi, M. and K. Iida, Fatigue strength correction factors for carbon and low-alloy steels in oxygen-containing high-temperature water 129 (1991) 293
Hilsenkopf, P., see Champomier 129 (1991) 315
Hojo, K., see Urabe 129 (1991) 287
Huang, Z.Z., see Zhang 129 (1991) 277
Iida, K., see Higuchi 129 (1991) 293
Iriya, K., F. Jacobs, B. Knecht and F.H. Wittmann, Cementitious backfill materials for a L/ILW repository – Investigations of gas transport properties 129 (1991) 49
Jacobs, F., see Iriya 129 (1991) 49
Katori, T., see Yamauchi 129 (1991) 321
Keer, T.J., see Hendry 129 (1991) 101
Klein, M., see Brinette 129 (1991) 121
Knecht, B., see Iriya 129 (1991) 49
Knecht, B., see Attinger 129 (1991) 89
Knoch, P., H.-J. Maier, G. Deuster and E. Waschkies, Acoustic emission on an intermediate size vessel 129 (1991) 217
Knouse, S.T., see Shin 129 (1991) 357
Labbé, P. and H. Noé, Stochastic approach for the seismic design of nuclear power plant equipments 129 (1991) 367

Macleod, I.D., R. Rowley, M.J. Beesley and P. Olley, Acoustic monitoring techniques for structural integrity 129 (1991) 191
Maier, H.-J., see Knoch 129 (1991) 217
Mayo, C.W., see Weiss 129 (1991) 121
McCright, R.D., see Farmer 129 (1991) 57
Mercier, O., see Attinger 129 (1991) 89
Milster, P.F., see Shin 129 (1991) 357
Morilhat, P., see Aufort 129 (1991) 177
Moulin, D., see Autrusson 129 (1991) 307
Noé, H., see Labbé 129 (1991) 367
Nuttall, K., see Hancox 129 (1991) 109
Okazaki, T., see Yamauchi 129 (1991) 321
Olley, P., see Macleod 129 (1991) 191
Pan, B.Z., see Zhang 129 (1991) 277
Pihlajavaara, S.E., Long-term gas permeability properties of concrete in wet repository conditions 129 (1991) 41
Pircher, H., Behaviour of pressure vessel steels exposed to hydrogen from corrosion and environment 129 (1991) 331
Prij, J., On the constitutive relations of rock salt 129 (1991) 1
Riccardella, P.C., see Griesbach 129 (1991) 163
Roche, R.L., French administrative practice and design codes for nuclear vessels 129 (1991) 231
Rosselet, A., see Attinger 129 (1991) 89
Rowley, R., see Macleod 129 (1991) 191
Sakaguchi, Y., see Yamauchi 129 (1991) 321
Schmidt, B., Thermomechanical interactions in repository design 129 (1991) 13
Shin, Y.S., P.F. Milster and S.T. Knouse, Parametric studies on the measurements of damping quantities 129 (1991) 357
Simpson, J.P., see Attinger 129 (1991) 89
Sklarczyk, C., see Deuster 129 (1991) 185
Souchois, T., see Aufort 129 (1991) 177
Streicher, V.J., Acoustic monitoring systems – System concept and field experience 129 (1991) 151
Thomauske, B.R., Design of engineered barriers for filled emplacement rooms in the planned Konrad repository 129 (1991) 21
Urabe, Y., K. Hojo and K. Baba, A procedure of dynamic fracture analysis for reactor pressure vessels 129 (1991) 287
Wach, D., Vibration, neutron noise and acoustic monitoring in German LWRs 129 (1991) 129
Waschkies, E., see Deuster 129 (1991) 185
Waschkies, E., see Knoch 129 (1991) 217
Weiss, J.M. and C.W. Mayo, Recommendations for effective loose parts monitoring 129 (1991) 121
Wittman, F.H., see Iriya 129 (1991) 49
Yamauchi, K., T. Katori, T. Okazaki and Y. Sakaguchi, Improvement of intergranular stress corrosion cracking resistance of Ni–Cr–Fe alloy 600 by means of stabilization parameter control 129 (1991) 321
Zhang, Y.H., Z.Z. Huang, L.Y. Chen and B.Z. Pan, A study of the stress intensity factors for single or multiple cracks in thick-walled cylinders 129 (1991) 277

Nuclear Engineering and Design 129 (1991) 383–384
North-Holland

Subject Index to Volume 129

Engineering mechanics

A study of the stress intensity factors for single or multiple cracks in thick-walled cylinders, Y.H. Zhang, Z.Z. Huang, L.Y. Chen and B.Z. Pan 129 (1991) 277
Parametric studies on the measurements of damping quantities, Y.S. Shin, P.F. Milster and S.T. Knouse 129 (1991) 357
Stochastic approach for the seismic design of nuclear power plant equipments, P. Labbé and H. Noé 129 (1991) 367
A procedure of dynamic fracture analysis for reactor pressure vessels, Y. Urabe, K. Hojo and K. Baba 129 (1991) 287
Fatigue growth and fracture risk from postulated cracks in pressurized-water reactor piping welds, F.P. Champomier, B. Boneh, P. Gilles and P. Hilsenkopf 129 (1991) 315

Materials properties

Fatigue strength correction factors for carbon and low-alloy steels in oxygen-containing high-temperature water, M. Higuchi and K. Iida 129 (1991) 293
Improvement of intergranular stress corrosion cracking resistance of Ni–Cr–Fe alloy 600 by means of stabilization parameter control, K. Yamauchi, T. Katori, T. Okazaki and Y. Sakaguchi 129 (1991) 321
Behaviour of pressure vessel steels exposed to hydrogen from corrosion and environment, H. Pircher 129 (1991) 331
Validation of crack-like defect fatigue analysis, B. Autrusson, D. Moulin and D. Acker 129 (1991) 307

Mechanical design, component fabrication and testing

Manufacture of thick-walled pressure vessels in particular consideration of advanced welding processes and measures for quality assurance, H. Clausmeyer and H. Hantsch 129 (1991) 255
Ultrasonic examination of austenitic welds at reactor pressure vessels, X. Edelmann 129 (1991) 341
Stochastic approach for the seismic design of nuclear power plant equipments, P. Labbé and H. Noé 129 (1991) 367
A procedure of dynamic fracture analysis for reactor pressure vessels, Y. Urabe, K. Hojo and K. Baba 129 (1991) 287
Validation of crack-like defect fatigue analysis, B. Autrusson, D. Moulin and D. Acker 129 (1991) 307
Fatigue growth and fracture risk from postulated cracks in pressurized-water reactor piping welds, F.P. Champomier, B. Boneh, P. Gilles and P. Hilsenkopf 129 (1991) 315

Structural design, construction methods and testing

On the constitutive relations of rock salt, J. Prij 129 (1991) 1
Stochastic approach for the seismic design of nuclear power plant equipments, P. Labbé and H. Noé 129 (1991) 367

Nuclear waste management and disposal

On the constitutive relations of rock salt, J. Prij 129 (1991) 1
Thermomechanical interactions in repository design, B. Schmidt 129 (1991) 13
Design of engineered barriers for filled emplacement rooms in the planned Konrad repository, B.R. Thomauske 129 (1991) 21
Long-term gas permeability properties of concrete in wet repository conditions, S.E. Pihlajavaara 129 (1991) 41
Cementitious backfill materials for a L/ILW repository – Investigations of gas transport properties, K. Iriya, F. Jacobs, B. Knecht and F.H. Wittmann 129 (1991) 49
Corrosion models for performance assessment of high-level radioactive waste containers, J.C. Farmer, G.E. Gdowski, R.D. McCright and H.S. Ahluwahlia 129 (1991) 57
Residual stresses and stress corrosion effects in cast steel nuclear waste overpacks, R.O. Attinger, B. Knecht, O. Mercier, A. Rosselet and J.P. Simpson 129 (1991) 89

HLW overpacks under extreme geological loading conditions – Testwork and predictive calculations (COMPAS project), S.R. Hendry, T.J. Keer and B. Haijtink 129 (1991) 101
The Canadian approach to safe, permanent disposal of nuclear fuel waste, W.T. Hancox and K. Nuttall 129 (1991) 109

Nuclear safety

Recommendations for effective loose parts monitoring, J.M. Weiss and C.W. Mayo 129 (1991) 121
Vibration, neutron noise and acoustic monitoring in German LWRs, D. Wach 129 (1991) 129
Acoustic monitoring systems – System concept and field experience, V.J. Streicher 129 (1991) 151
Application of fatigue monitoring to the evaluation of pressurizer surge lines, T.J. Griesbach, P.C. Riccardella and S.R. Gosselin 129 (1991) 163
On line fatiguemeter: a large experiment in French nuclear plants, P. Aufort, G. Bimont, T.H. Chau, I. Fournier, P. Morilhat, T. Souchois and G. Cordier 129 (1991) 177
Detection and analysis of defects in reactor pressure components by location and interpretation of acoustic emission sources, G. Deuster, C. Sklarczyk and E. Waschkies 129 (1991) 185
Acoustic monitoring techniques for structural integrity, I.D. Macleod, R. Rowley, M.J. Beesley and P. Olley 129 (1991) 191
Surveillance of defects in reactor pressure vessel and pipes under cyclic thermal and mechanical load (German HDR-reactor-safety-program), R. Brinette, G. Deuster, M. Klein and U. Eisele 129 (1991) 121
Acoustic emission on an intermediate size vessel, P. Knoch, H.-J. Maier, G. Deuster and E. Waschkies 129 (1991) 217
French administrative practice and design codes for nuclear vessels, R.L. Roche 129 (1991) 231
The French code RCC-M: Design and construction rules for the mechanical components of PWR nuclear islands, G. Baylac and J.M. Grandemange 129 (1991) 239